

1. A method of intermittently applying discrete elongate segments of adhesive to an elastic strand for securing the elastic strand to a sheet of material comprising:

5 moving the elastic strand and the sheet in a converging manner from a first position in which the elastic strand is spaced from the sheet to a second position in which the elastic strand contacts one surface of the sheet,

intermittently applying discrete elongate segments of adhesive to the strand, and

10 contacting the elongate segments of adhesive, the strand and the sheet with one another when the elastic strand and the sheet are in the second position to secure the strand to the sheet.

2. The method of claim 1, wherein the step of intermittently

15 applying the discrete elongate segments of adhesive further comprises:

applying the elongate segments of adhesive to the elastic strand while the elastic strand and the sheet are in the first position.

3. The method of claim 1, wherein the step of intermittently

20 applying the discrete elongate segments of adhesive further comprises:

applying the elongate segments of adhesive to the elastic strand while the elastic strand and the sheet are in the second position.

4. The method of claim 2, wherein the adhesive is applied from a nozzle having an adhesive discharge orifice and the method further comprises:

spacing the adhesive discharge orifice from the elastic strand

5 while applying the elongate segments of adhesive to the elastic strand.

5. The method of claim 3, wherein the adhesive is applied from a nozzle having an adhesive discharge orifice and the method further comprises:

10 spacing the adhesive discharge orifice from the elastic strand while applying the elongate segments of adhesive to the elastic strand.

6. The method of claim 2, wherein the adhesive is applied from a nozzle having an apex portion with an adhesive discharge orifice and the 15 method further comprises:

contacting the apex portion with the elastic strand while applying the elongate segments of adhesive to the elastic strand.

7. The method of claim 3, wherein the adhesive is applied from a 20 nozzle having an apex portion with an adhesive discharge orifice and the method further comprises:

contacting the apex portion with the elastic strand while applying the elongate segments of adhesive to the elastic strand.

8. The method of claim 1, wherein the adhesive is applied from a nozzle having an adhesive discharge slot, the slot having a length and a width, with the length being greater than the width, and the method further comprises:

5 orienting the adhesive discharge slot adjacent the elastic strand, and

intermittently applying the discrete elongate segments of adhesive to the strand from the discharge slot.

10 9. The method of claim 8, wherein orienting the adhesive discharge slot further comprises orienting the length parallel to the strand.

10. The method of claim 8, wherein orienting the adhesive discharge slot further comprises orienting the length transverse to the
15 strand.

11. The method of claim 8, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises:
applying the elongate segments of adhesive to the elastic
20 strand while the elastic strand and the sheet are in the first position.

12. The method of claim 8, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises: applying the elongate segments of adhesive to the elastic strand while the elastic strand and the sheet are in the second position.

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13. The method of claim 8 further comprising: spacing the adhesive discharge slot from the elastic strand while applying the elongate segments of adhesive to the elastic strand.

10 14. The method of claim 8 further comprising: contacting the adhesive discharge slot with the elastic strand while applying the elongate segments of adhesive to the elastic strand.

15. A method of intermittently applying discrete elongate segments of adhesive to a plurality of spaced apart elastic strands for securing the plurality of spaced apart elastic strands to a sheet of material comprising:

5 moving the elastic strands and the sheet in a converging manner from a first position in which the elastic strands are spaced from the sheet to a second position in which the elastic strands contact one surface of the sheet,

intermittently applying discrete elongate segments of adhesive
10 to each of the strands, and

contacting the elongate segments of adhesive, the strands and the sheet with one another when the elastic strands and the sheet are in the second position to secure the strands to the sheet.

15 16. The method of claim 15, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises:

applying the elongate segments of adhesive to the elastic strands while the elastic strands and the sheet are in the first position.

20 17. The method of claim 15, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises:

applying the elongate segments of adhesive to the elastic strands while the elastic strands and the sheet are in the second position.

18. The method of claim 16, wherein the adhesive is applied from a nozzle having a plurality of adhesive discharge orifices corresponding to the plurality of elastic strands and the method further comprises:

spacing the adhesive discharge orifices from the respective elastic strands while applying the elongate segments of adhesive to the elastic strands.

19. The method of claim 17, wherein the adhesive is applied from a nozzle having a plurality of adhesive discharge orifices corresponding to the plurality of elastic strands and the method further comprises:

spacing the adhesive discharge orifices from the respective elastic strands while applying the elongate segments of adhesive to the elastic strands.

15 20. The method of claim 15, wherein the adhesive is applied from a nozzle having an apex portion with a plurality of adhesive discharge orifices corresponding to the plurality of elastic strands and the method further comprises:

contacting the apex portion with the elastic strands while applying the elongate segments of adhesive to the elastic strands.

21. The method of claim 15, wherein the adhesive is applied from a nozzle having a plurality of adhesive discharge slots corresponding to the plurality of elastic strands, each slot having a length and a width, with the length being greater than the width, and the method further comprises:

5 orienting the adhesive discharge slots respectively adjacent the
elastic strands, and

intermittently applying the discrete elongate segments of adhesive to the strands from the discharge slots.

10 22. The method of claim 21, wherein orienting the adhesive discharge slots further comprises orienting the length of each slot parallel to the corresponding strand.

23. The method of claim 21, wherein orienting the adhesive
15 discharge slots further comprises orienting the length of each slot
transverse to the corresponding strand.

24. The method of claim 21, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises:
20 applying the elongate segments of adhesive to the elastic strands while the elastic strands and the sheet are in the first position.

25. The method of claim 21, wherein the step of intermittently applying the discrete elongate segments of adhesive further comprises: applying the elongate segments of adhesive to the respective elastic strands while the elastic strands and the sheet are in the second 5 position.

26. The method of claim 24 further comprising: spacing the adhesive discharge slots from the respective elastic strands while applying the elongate segments of adhesive to the 10 elastic strands.

27. The method of claim 25 further comprising: spacing the adhesive discharge slots from the respective elastic strands while applying the elongate segments of adhesive to the 15 elastic strands.

28. An article comprising:
a first flat substrate, and
an elastic strand secured on said first flat substrate by a
plurality of discrete, separated elongate segments of adhesive contacting
5 said elastic strand and said first flat substrate.

29. The article of claim 28 further comprising:
a plurality of elastic strands secured on said first flat substrate
by a plurality of discrete elongate segments of adhesive respectively
10 contacting said elastic strand and said first flat substrate.

30. The article of claim 29 further comprising:
a second flat substrate secured on an opposite side of said
elastic strands from said first flat substrate.

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31. The article of claim 28 further comprising:
a second flat substrate secured on an opposite side of said
elastic strand from said first flat substrate.

32. An article comprising:

- a flat substrate, and
- an elastic strand positioned on said flat substrate, said elastic strand and said flat substrate secured together by a plurality of discrete, separated
- 5 elongate segments of adhesive.

33. The article of claim 32, further comprising:

- a plurality of elastic strands positioned on said flat substrate, said elastic strands and said flat substrate secured together by a plurality of said
- 10 discrete, separated elongate segments of adhesive respectively extending along said elastic strands and along said flat substrate.